

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT** ( Not for submission under 37 CFR 1.99)

Application Number	10590446
Filing Date	2006-08-24
First Named Inventor	Gabor Forgacs
Art Unit	<del>4646</del> 1657
Examiner Name	Kailash C. Srivastava
Attorney Docket Number	UMO 1561.1

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Examiner Name	Kailash C. Srivastava
Attorney Docket Number	UMO 1581.1

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	1	STEINBERG, "Does differential adhesion govern self-assembly processes in histogenesis? Equilibrium configurations and the emergence of a hierarchy among populations of embryonic cells" The Journal of Experimental Zoology, 173 (4):395-433 (4/1970).	<input type="checkbox"/>
	2	STEINBERG et al., "Liquid behavior of embryonic tissues", Cell Behaviour, Cambridge University Press (Editors R. Bellairs, A.S.G. Curtis and G. Dunn) pp. 583-697 (1982).	<input type="checkbox"/>
	3	TIMMINS et al., "Hanging-drop Multicellular Spheroids as a Model of Tumour Angiogenesis" Angiogenesis, 7 (2):97-103 (2004).	<input type="checkbox"/>
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	6	FORGACS et al., "Viscoelastic Properties of Living Embryonic Tissues: a Quantitative Study", Biophysical Journal, 74 (5):2227-2234 (5/1998).	<input type="checkbox"/>
	7	Furukawa et al., "Formation of Human Fibroblast Aggregates (Spheroids) by Rotational Culture" Cell Transplantation, 10(4-5):441-445 (2001).	<input type="checkbox"/>
	8	GLICKLIS et al., "Modeling Mass Transfer in Hepatocyte Spheroids via Cell Viability, Spheroid Size, and Hepatocellular Functions" Biotechnology and Bioengineering, 86(6):672-680 (6/2004).	<input type="checkbox"/>
	9	KORFF et al., "Blood vessel maturation in a 3-dimensional spheroidal coculture model: direct contact with smooth muscle cells regulates endothelial cell quiescence and abrogates VEGF responsiveness", The FASEB Journal, 15:447-457 (2/2001).	<input type="checkbox"/>
	10	FOTY et al., "The Differential Adhesion Hypothesis: a Direct Evaluation", Developmental Biology, 278(1):255-263 (2/2005).	<input type="checkbox"/>

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Examiner Name	Kailash C. Srivastava
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11	RYAN et al., "Tissue spreading on implantable substrates is a competitive outcome of cell-cell vs. cell-substratum adhesivity", Proceedings of the National Academy of Sciences, 98(8):4323-4327 (4/10/2001).	<input type="checkbox"/>
12	MOMBACH et al., "Quantitative comparison between differential adhesion models and cell sorting in the presence and absence of fluctuations", Physical Review Letters, 75(11):2244-2247 (9/11/1995).	<input type="checkbox"/>
13	CONSTANS, "Body by Science", The Scientist, 17(19):34, available web site <a href="http://www.the-scientist.com/article/display/14154/">http://www.the-scientist.com/article/display/14154/</a> , 7 pages. Date unavailable.	<input type="checkbox"/>
14	GLAZIER et al., "Simulation of the differential adhesion driven rearrangement of biological cells", Physical Review E, 47(3):2128-2154 (3/1993), The American Physical Society.	<input type="checkbox"/>
15	STILES, "UA Wins R & D 100 Award for Machine that Prints Tissue Cell-By-Cell", UANews, December 2, 2003, 2 pages, <a href="http://uanews.org/cgi-bin/WebObjects/UANews.woa/wa/goPrint?ArticleID=8305">http://uanews.org/cgi-bin/WebObjects/UANews.woa/wa/goPrint?ArticleID=8305</a> , accessed February 1, 2005, 2 pages	<input type="checkbox"/>
16	"Sciperio, Inc. 2003 R&D 100 Award Winner", Sciperio, <a href="http://www.sciperio.com/news/20031016.asp">http://www.sciperio.com/news/20031016.asp</a> , accessed February 1, 2005, 2 pages	<input type="checkbox"/>
17	GRANER et al., "Simulation of Biological Cell Sorting using a Two-Dimensional Extended Potts Model", Physical Review Letters, 69(13):2013-2016 (9/28/92), The American Physical Society.	<input type="checkbox"/>
18	MIRONOV et al., "Organ printing: self-assembling cell aggregates as "BIOINK", Science & Medicine, 9(2):69-71 (4/2003).	<input type="checkbox"/>
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20	MARTIN et al., "Computer-Based Technigue for Cell Aggregation Analysis and Cell Aggregation in In Vitro Chondrogenesis", Cytometry, 28(2):141-146 (1997) John Wiley & Sons, Inc.	<input type="checkbox"/>
21	KOIBUCHI et al., "Behavior of cells in artificially made cell aggregates and tissue fragments after grafting to developing hind limb buds in Xenopus laevis", The International Journal of Developmental Biology, 43(2):141-148 (1999) University Of The Basque Country Press, Spain.	<input type="checkbox"/>

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Examiner Signature	/Kailash Srivastava/	Date Considered	12/17/2010
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